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**OFFICE OF ES&H PERFORMANCE
ASSESSMENT AND ANALYSIS**

Plans for Improving DOE's Lessons Learned Process

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DOE/EH-3**

Lessons Learned

- Can prevent the recurrence of mistakes and deficiencies, and promote good practices - *if effectively identified, shared and used.*
- > 30 DOE directives address lessons learned, including:
 - Functions, Responsibility & Authorities Manual
 - DOE Acquisitions Regulations (DEAR)
 - DOE-STD-7501-99
- Part of ISM's "Feedback and Continuous Improvement"

Many Lessons Learned Data Streams

- **ORPS - DOE operating experience**
- **Site and PSO lessons learned data**
- **Non-DOE operating experience**
- **Accident investigations**
- **EH-2 evaluations, special studies**
- **CAIRS, NTS, REMS**
- **Technological advances & research**

Many Lessons Learned Programs

- **Site programs**
- **PSO programs**
- **List server (LANL & ORNL)**
- **LL database (EH)**
- **EH data systems**

Current DOE Lessons Learned Efforts

- **Chiefly driven by single operating events**
- **Much raw data but little roll-up & analysis**
- **Limited use**
- **Programs & data not fully integrated**



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NEW LL DIRECTION

Goals for Improving Lessons Learned

- **Reach management & multi-level audiences**
- **Improve LL models, methodologies & tools**
- **Analyze, trend & prioritize**
- **Integrate efforts and share information**

Roles in Improving Lessons Learned

- **Line management to provide analyzed data and share results in context of types of operations**
- **EH to provide methods, infrastructure & policy for better analyzing lessons learned**
- **EFCOG to improve the reporting and use of operating experience LL by DOE contractors**



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DOE/EFCOG MOU

DOE/EFCOG Lessons Learned MOU

- **Issued November 2000**
- **Establishes cooperative DOE/EFCOG effort**
- **DOE will:**
 - **establish an integrated LL program, in coordination with line management & EFCOG**
 - **develop analytic methodologies and tools**
 - **provide complex-wide analyses of LL data**
 - **examine & improve LL policy**

DOE/EFCOG Lessons Learned MOU (cont.)

- **EFCOG will:**
 - investigate highly significant events using LL Subgroup
 - include lessons learned in bimonthly Chairman's letter
 - roll-up lessons learned in semiannual report
 - create an effective lessons learned implementation model
 - use INPO information
 - promote prompt analysis and reporting of lessons learned

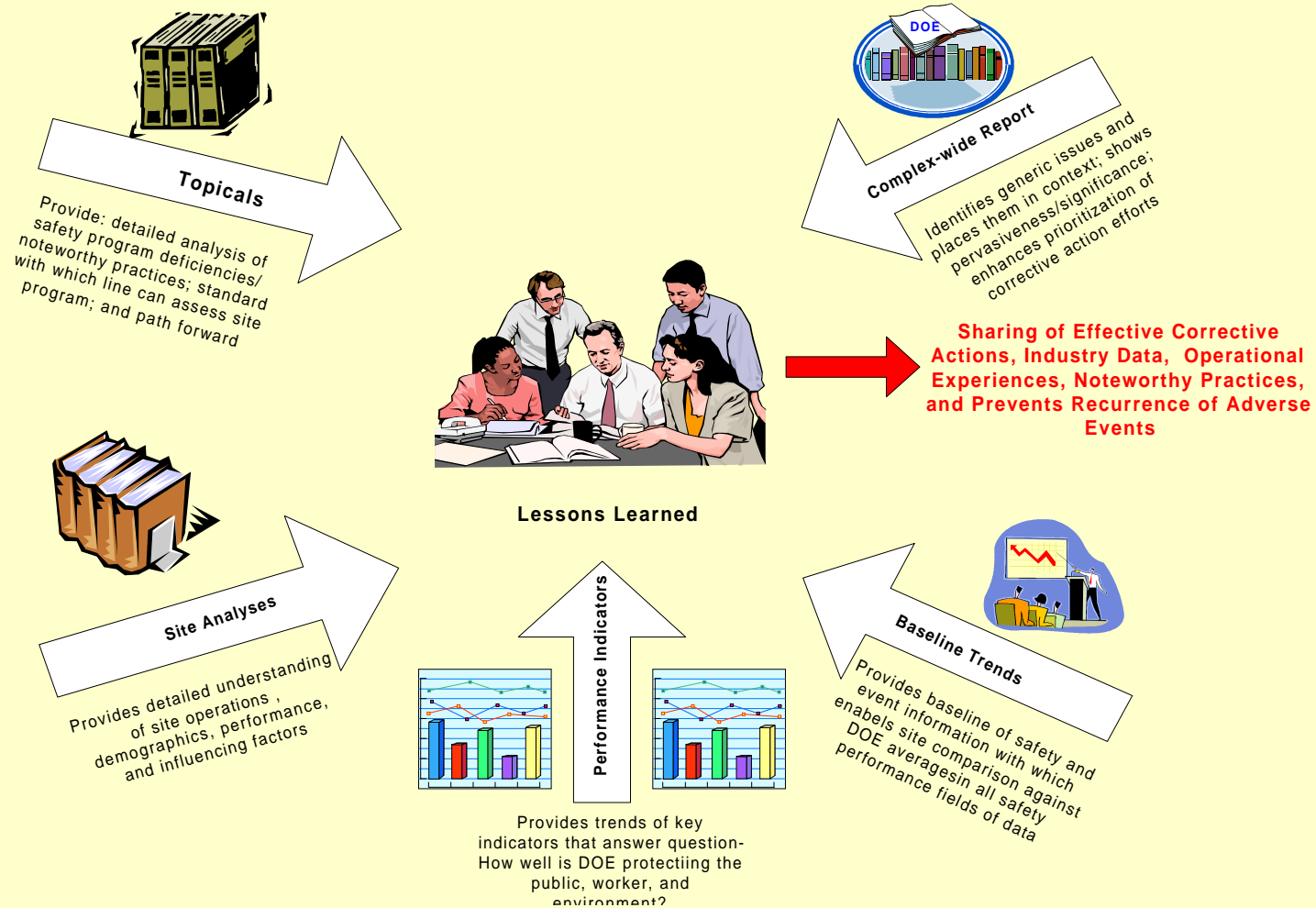
Office of Performance Assessment & Analysis (EH-3)

- **Since July 2000, DOE/EH's focal point for the collection, analysis, and dissemination of safety information**
- **Infrastructure for pulling and pushing data & information that can be used by non-experts**
- **Many products related to lessons learned:**
 - **ORPS**
 - **performance indicators**
 - **generic issues**

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EH-3 PRODUCTS

PRODUCTS SUPPORTING LESSONS LEARNED



Near-Term Activities

- **EFCOG LL subgroup to develop plans**
- **EH-3 & PSOs to coordinate efforts**
- **EH-3 to test methods to access, screen and filter data from web-based LL systems**
- **EH-3 & EFCOG to review LL programs in other industries**

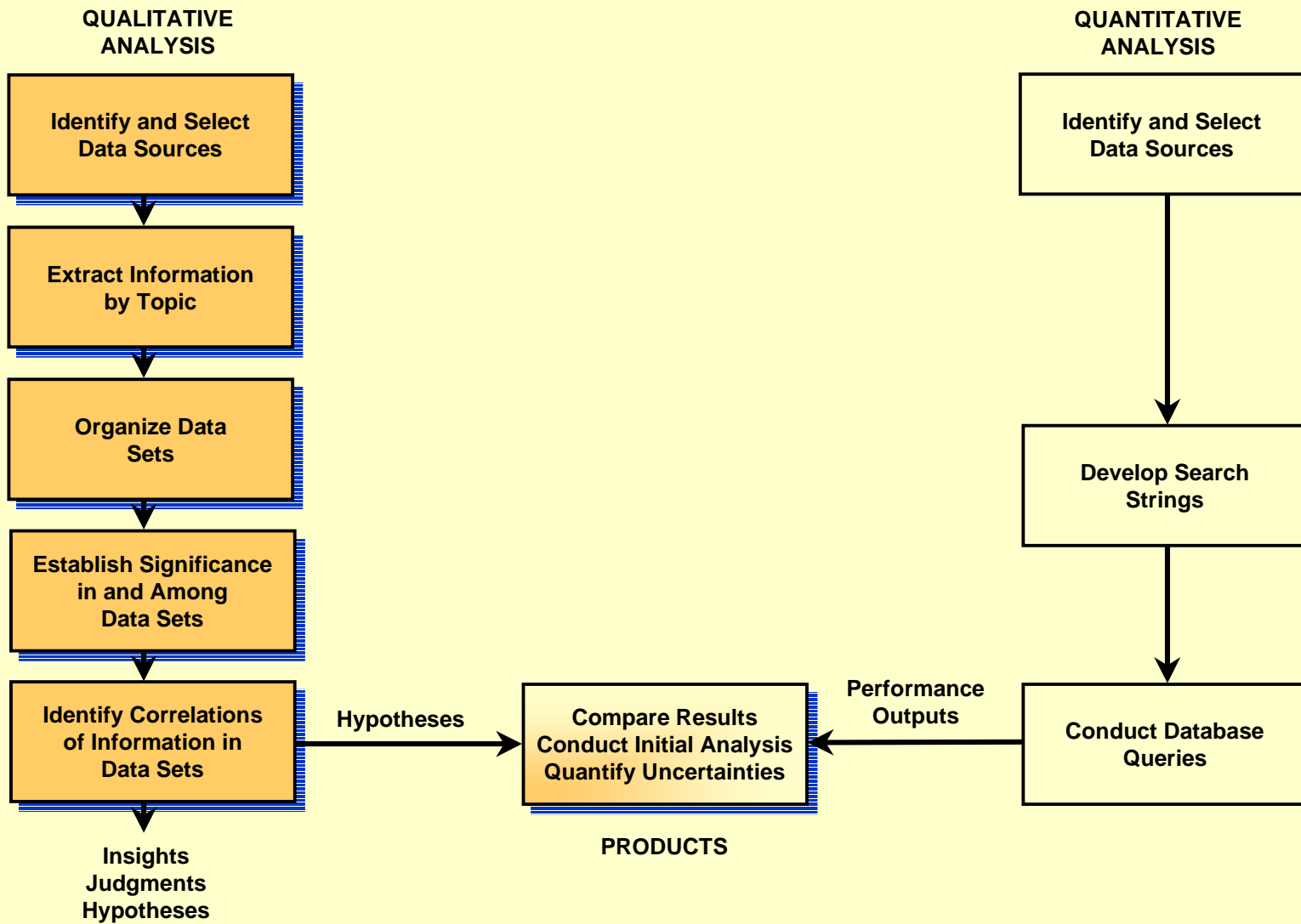


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Backup Slides

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ANALYSIS PROCESS



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EH-3 ORGANIZATION & FUNCTIONS

